VHF UHF 800 MHz Multi-Discipline Interoperability Channel limitations

155.745 (Limitation 81)

VCALL **155.7525 MHz (Limitation 80,83)**

155.760 (Limitation 81)

151.130 (Limitation 81)

VTAC1 **151.1375 MHz (Limitation 80)**

151.145 (Limitation 81)

154.445 (Limitation 81)

VTAC2 **154.4525 MHz (Limitation 80)**

154.460 (Limitation 81)

158.730 (Limitation 81)

VTAC3 **158.7375 MHz (Limitation 80)**

158.745 (Limitation 81)

159.465 (Limitation 81)

VTAC4 **159.4725 MHz (Limitation 80)**

159.480 (Limitation 81)

UHF Multi-Discipline Interoperability Channels

453/458.200 (Limitation 81)

453/458.20625 (Limitation 82)

U-CALLa/U-CALL 453/458.2125 (Limitation 80,83)

453/458.21875 (Limitation 82)

453/458.225 (Limitation 81)

453/458.450 (Limitation 81)

453/458.45625 (Limitation 82)

U-TAC1a/U-TAC1 453/458.4625 (Limitation 80)

453/458.46875 (Limitation 82)

453/458.475 (Limitation 81)

453/458.700 (Limitation 81)

453/458.70625 (Limitation 82)

U-TAC2a/U-TAC2 453/458.7125 (Limitation 80)

453/458.71875 (Limitation 82)

453/458.725 (Limitation 81)

453/458.850 (Limitation 81)

453/458.85625 (Limitation 82)

U-TAC3a/U-TAC3 453/458.8625 (Limitation 80)

453/458.86875 (Limitation 82)

453/458.875 (Limitation 81)

Limitation (80) After December 7, 2000 this frequency is available primarily for public safety interoperability only communications. Stations licensed prior to December 7, 2000 may continue to use this frequency on a co-primary basis until January 1, 2005. After January 1, 2005, all operations will be secondary to co-channel interoperability communications.

Limitation (81) After December 7, 2000 new stations will only be licensed with an authorized bandwidth not to exceed 11.25 kHz. Licensees authorized prior to December 7, 2000 may continue to use bandwidths wider than 11.25 kHz on a co-primary basis until January 1, 2005. After January 1, 2005, all stations operating with an authorized bandwidth greater than 11.25 kHz will be secondary to adjacent channel interoperability operations.

Limitation (82) this frequency is reserved for assignment only in support of, and on a secondary basis to, nationwide interoperability use.

Limitation (83) this interoperability frequency is dedicated for the express purpose of nationwide interoperability calling.

800 MHz Radios See Region 24 NPSPAC plan and FCC Docket 87-112

Channel (MHz)	Label	Description
821/866.0125*	ICALL*	National Calling Channel*
821/866.5125	ITAC-1	National Tactical Channel
822/867.0125	ITAC-2	National Tactical Channel
822/867.5125	ITAC-3	National Tactical Channel
823/868.0125	ITAC-4	National Tactical Channel

*** Per FCC regulations, the NPSPAC 800 MHz mutual-aid calling channel is to be used in a conventional analog mode with a dedicated CTCSS of 156.7 Hz.**

**** The public safety NPSPAC band (FCC Docket 87-112) currently consists of six (6) MHz in the 800 MHz band from 821-824 MHz (mobile transmit) and 866-869 MHz (base transmit). The recent 800 MHz re-banding decision from the FCC (Docket 02-55) will move the NPSPAC band, in its entirety, down 15 MHz to the 806-809 MHz band (mobile input) and 851-854 MHz (base transmit). Per the most recent timeline issued by the FCC appointed Transition Administrator, the re-banding process begins in Region 24 (Missouri) on or around October 1, 2005.**

FCC Narrow-Banding Third Memorandum Opinion and Order, Third Further Notice of Proposed Rule Making and Order Released December 23, 2004 FCC Docket 99-87

*For public safety licensees operating in the **150-174 MHz/421-512 MHz** bands, the FCC established a **January 1, 2013** deadline for all public safety to migrate to 12.5 KHz technology, or a technology that achieves the narrowband equivalent of one channel per 12.5 KHz of channel bandwidth (voice) or 4800 bits per second per 6.25 KHz (data) if the bandwidth for transmissions specified in the application is greater than 12.5 KHz.*

***150-174 MHz/421-512 MHz** Applications for NEW operations using 25 KHz channels will be accepted until **January 1, 2011**. After that date, NEW applications using a bandwidth greater than 12.5 KHz will be accepted only if they meet the spectrum efficiency requirements listed above.*

***150-174 MHz 421-512 MHz** Applications for modification of operations that expand the authorized contour of an existing station using **25 KHz channels** will be accepted until **January 1, 2011**. After that date, applications for modification of operations that expand the authorized contour of an existing station will be accepted only to the extent that the equipment meets the FCC's spectrum efficiency standard above.*

Manufacture and importation of any 150-174 MHz and 421-512 MHz equipment operating on a channel bandwidth up to 25 KHz will be permitted until January 1, 2011. After that date, equipment manufactured in the band will have to meet FCC spectrum efficiency requirements listed above.